

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**107594334**

Applicant: Coradini, et al.  
Serial No.: Not Yet Assigned  
Filed: Herewith  
For: HYALURONIC ACID BUTYRIC ESTERS WITH A  
LOW DEGREE OF SUBSTITUTEION, PROCEDURE  
FOR THEIR PREPARATION AND USE  
Art Unit: Not Yet Assigned  
Examiner: Not Yet Assigned  
Confirmation No.: Not Yet Assigned  
Customer No.: 27623  
Attorney Docket No.: 0003219USU/3061

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Attention: DO/EO/US

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

In accordance with applicants' duty of disclosure under 37 C.F.R. §1.56, please find attached hereto form PTO-1449 listing information which may be material to the patentability of this application, filed concurrently herewith. This Information Disclosure Statement is being filed:

- Within three (3) months of the filing date of the national application;
- Within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;
- Before the mailing date of a first Office Action on the merits;

IAP5 Rec'd PCT/PTO 27 SEP 2006

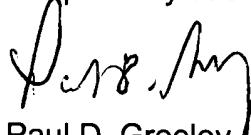
10/594334

- After the filing date or date of first Office Action, but before the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);
- After the filing date or date of first Office Action, but before the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);
- After the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by a certification as specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p); and
- After the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to or subsequent to the payment of the Issue Fee and provided that this I.D.S. is accompanied by a certification as specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p).
- Filing with RCE Under 37 CFR 1.114, thus no fee is required.

We are also enclosing copies of the non-US publications listed on the attached PTO-1449.

It should be understood that attention has been called to the references that have been deemed to be pertinent to the claimed present invention. In concluding what was pertinent, the criteria employed was considered most appropriate in light of the invention shown in the present application. However, the Examiner or others may deem some other criteria to be just as appropriate or more appropriate. Therefore, the Examiner is respectfully urged to review the listed references and to make the usual careful independent search for other prior art that may be pertinent.

Respectfully submitted,



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September 27, 2006

**CUSTOMER NO.: 27623**

Sheet 1 of 1 .

<p>FORM PTO-1449</p> <p><b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b></p> <p>(Use several sheets if necessary)</p>	<p>Docket Number (Optional)</p> <p><b>0003219USU/3061</b></p>	<p>Application Number <b>10/594334</b> Not Yet Assigned</p>
	<p>Applicant <b>IAP5 Rec'd PCT/PTO 27 SEP 2006</b></p>	
	<p>Filing Date <b>Herewith</b></p>	<p>Group Art Unit <b>Not Yet Assigned</b></p>

## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	WO 98/23648	6/4/98	PCT			X	

**OTHER DOCUMENTS** (including Author, Title, Date, Pertinent Pages, Etc.)

	International Search Report dated 8/4/05 from PCT/IB2005/000780
	Coradini, et al.; <i>Hyaluronic Acid As Drug Delivery for Sodium Butyrate: Improvement of the Anti-Proliferative Activity on a Breast-Cancer Cell Line</i> ", 1999, Int. J. Cancer: 81, pps. 411-416
	Kawaguchi, et al., "The Relation Between the Adsorption Behavior at the Interface and the Conformational Changes in Hyaluronates Partially Modified with Various Acyl Chains", Carbohydrate Polymers, 26, 1995, pps. 149-154

**DATE CONSIDERED**

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance

And not considered. Include copy of this form with next communication to the applicant.